

# INTERNATIONAL SEARCH REPORT

International Application No.  
PCT/EP2004/006512

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C07K1/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, MEDLINE, EMBASE, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>CHEM FILES, GREEN CHEMISTRY12, 'Online! vol. 1, no. 7, 2001, pages 1-18, XP002259798 Retrieved from the Internet: URL: <a href="http://www.sigmaaldrich.com/img/assets/6040/chemfiles_vin7_greenchemistry_small.pdf">http://www.sigmaaldrich.com/img/assets/6040/chemfiles_vin7_greenchemistry_small.pdf</a> &gt; 'retrieved on 2003-10-30! page 12 - page 15</p> <p style="text-align: center;">----- -/--</p>	1-18

☒ Further documents are listed in the continuation of box C.

☐ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

4 August 2004

Date of mailing of the international search report

13/08/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Marchesini, P

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/006512

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>SPATOLA A F ET AL: "PHASE TRANSFER CATALYSIS IN SOLID PHASE PEPTIDE SYNTHESIS. \PREPARATION OF CYCLO(XXX-PRO-GLY-YYY-PRO-GLY) MODEL PEPTIDES AND THEIR CONFORMATIONAL ANALYSIS"</p> <p>INTERNATIONAL JOURNAL OF PEPTIDE AND PROTEIN RESEARCH, MUNKSGAARD, COPENHAGEN, DK, vol. 40, no. 3 / 4, 1 September 1992 (1992-09-01), pages 322-332, XP000311243 ISSN: 0367-8377 abstract page 323, right-hand column, paragraphs 3,4</p>	1-18
Y	<p>-----</p> <p>CHAN WC, WHITE PD: "Fmoc solid phase peptide synthesis. A Practical Approach" 2000, OXFORD UNIVERSITY PRESS , XP009019468 Chapter 3</p>	1-18
Y	<p>-----</p> <p>CHEN S-T ET AL: "PHASE-TRANSFER REAGENTS AS CARBOXYL-TERMINAL PROTECTING GROUPS FACILE INCORPORATION OF FREE AMINO ACIDS OR PEPTIDES INTO PEPTIDE SEQUENCES" JOURNAL OF THE CHEMICAL SOCIETY CHEMICAL COMMUNICATIONS, no. 15, 1990, pages 1045-1047, XP009019280 ISSN: 0022-4936 abstract</p>	1-18
Y	<p>-----</p> <p>COSTE JACQUES ET AL: "Coupling N-methylated amino acids using PyBroP-1 and PyCloP halogenophosphonium salts: Mechanism and fields of application" JOURNAL OF ORGANIC CHEMISTRY, vol. 59, no. 9, 1994, pages 2437-2466, XP002259799 ISSN: 0022-3263 abstract</p>	1-18
Y	<p>-----</p> <p>VARANDA L M ET AL: "SOLID-PHASE PEPTIDE SYNTHESIS AT ELEVATED TEMPERATURES: A SEARCH FOR AN OPTIMIZED SYNTHESIS CONDITION OF UNSULFATED CHOLECYSTOKININ-12" JOURNAL OF PEPTIDE RESEARCH, MUNKSGAARD INTERNATIONAL PUBLISHERS, COPENHAGEN, DK, vol. 50, no. 2, 1 August 1997 (1997-08-01), pages 102-108, XP000659209 ISSN: 1397-002X abstract</p> <p>-----</p>	1-18

BEST AVAILABLE COPY